



University of Agriculture in Krakow

Faculty of Forestry, Institute of Forest Resources Management

Department of Forest Management, Geomatics and Forest Economics

Al.. 29 Listopada 46/418, 31-425 Krakow, tel. +48 696 726 154, e-mail: rlbanas@cyf-kr.edu.pl

The system of timber balanced supply on a multi-level range integrated with demand for wood in different time horizon

Pre-assumptions :

- ✓ Supply of timber as a natural resource is often unbalanced in time and area. The reasons of this phenomenon are as follows: historical factors, natural disasters, different ownership, changes of management systems and protection restrictions, afforestation/deforestation on large scale, etc.
- ✓ Demand for timber as an input in a production process in short time period is relatively constant and could vary in longer period of time.
- ✓ For global bio-economy it is crucial to ensure stable wood flow.
- ✓ The intensity of harvest should be in accordance with sustainable principles and multi-functional goals.



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Objectives:

- ✓ Creation of a database of forest resources according to: ownership, management intensity and protection restrictions.
- ✓ Delimitation of forest functional areas
- ✓ Recommendation of optimal management practices for functional areas.
- ✓ Development of a model of balanced timber flow on multi-level scope (local, regional) in different time horizon.
- ✓ Assessment of added value and promotion of a multi-functional forestry in sustainable development of regions.



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Scientific team:

- ✓ Scientist from University of Agriculture in Krakow, Department of Forest Management, Geomatics and Forest Economics
- ✓ Contact person: Jan Banas, Al. 29 Listopada 46/418, 31-425 Krakow, tel. +48 696 726 154, e-mail: rlbanas@cyf-kr.edu.pl

Experience:

- ✓ Forest management, spatial planning, forest economics, geomatics.
- ✓ We are looking for partners from countries with potentially common timber market
- ✓ We are open to a new ideas